

2 Product Specifications

2-1 Fashion Feature

- . Magic Rotation application(Auto pivot Delete)
- . Embeded Power, Mechanical S/W application

2-2 Feature

No	Feature	Feature	Operating method
1	Auto Auto	If Monitor turns on in some resolution for the first time, it can execute Auto adjustment automatically for the high Quality	
2	Auto Power on/off	Monitor can check the change of Source Automatically and change the source to the active Input	
3	Wall mount	Monitor supports Wall mount (100 X 100)	
4	Gamma & Color temperature Adjust	Monitor supports 3 step Adjustment for Gamma & Color temperature	
5	Magic Bright	Monitor supports 7 different brightness mode (Custom, Text, Internet, Game, Sports, Movie, Dynamic Contrast)	
6	Sharpness	Adjust the Sharpness	

2-3 LME20WS Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 20-Inch viewable, 0.258 (H) x 0.258 (V) mm pixel pitch
Scanning Frequency	Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog / Digital
Input Sync Signal	Seperate H/V sync, Composite H/V, Sync-on-Green, Automatic synchronization without external switch of sync type Level : TTL level
Maximum Pixel Clock rate	162 MHz (Analog/Display)
Active Display Horizontal/Vertical	408(H) x 306(W)
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz ± 3 Hz
Power Consumption	50W (MAX)
Dimensions Set (W x D x H) With Stand (W x D x H)	476 x 65.2 x 329 mm (18.7 x 2.6 x 13 inch) 476 x 219.3 x 397 mm (18.5 x 8.6 x 15.6 inch)
SWIVEL ANGLE	0 ~ 350°
TILT ANGLE	-1 ~ 22°
Weight (Set/Package)	6.0 Kg / 7.9 Kg
Environmental Considerations	Operating Temperature : 50°F ~ 122°F (10°C ~ 50°C) Operating Humidity : 10% ~ 90% Storage temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	

2-4 LME22WS Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 22-Inch viewable, 0.258 (H) x 0.258 (V) mm pixel pitch
Scanning Frequency	Horizontal : 31 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog / Digital
Input Sync Signal	Seperate H/V sync, Composite H/V, Sync-on-Green, Automatic synchroniza tion whitout external swith of sync type Level : TTL level
Maximum Pixel Clock rate	162 MHz (Analog/Display)
Active Display Horizontal/Vertical	408(H) x 306(W)
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz ± 3 Hz
Power Consumption	50W (MAX)
Dimensions	
Set (W x D x H)	514.6 x 63 x 353 mm (20.3 x 2.5 x 19 inch)
With Stand (W x D x H)	514.6 x 219.3 x 421.7 mm (20.3 x 8.6 x 16.6 inch)
SWIVEL ANGLE	0 ~ 350°
TILT ANGLE	-1 ~ 22°
Weight (Set/Package)	6.5 Kg / 8.5 Kg
Environmental Considerations	Operating Temperature : 50° F ~ 122° F (10° C ~ 50° C) Operating Humidity : 10% ~ 90% Storage temperature : -4° F ~113 ° F (-20° C ~ 45° C) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	

2-5 LME20AS Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 20-Inch viewable, 0.258 (H) x 0.258 (V) mm pixel pitch
Scanning Frequency	Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog
Input Sync Signal	RGB Analog 0.7 Vp-p \pm 5%, TTL level (V high \geq 2.0V, V low \leq 0.8V)
Maximum Pixel Clock rate	146 MHz (Analog)
Active Display Horizontal/Vertical	433.44 mm (H) x 270.9 mm (V)
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz \pm 3 Hz
Power Consumption	Less than 55 W
Dimensions	
Set (W x D x H)	476 x 65.2 x 329 mm (18.7 x 2.6 x 13 inch)
With Stand (W x D x H)	476 x 219.3 x 397 mm (18.5 x 8.6 x 15.6 inch)
SWIVEL ANGLE	0 ~ 350°
TILT ANGLE	-1 ~ 22°
Weight (Set/Package)	6.0 Kg / 7.9 Kg
Environmental Considerations	Operating Temperature : 50° F ~ 122° F (10° C ~ 50° C) Operating Humidity : 10% ~ 90% Storage temperature : -4° F ~ 113° F (-20° C ~ 45° C) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	



2-6 LME22WS Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 22-Inch viewable, 0.258 (H) x 0.258 (V) mm pixel pitch
Scanning Frequency	Horizontal : 31 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog / Digital
Input Sync Signal	Seperate H/V sync, Composite H/V, Sync-on-Green, Automatic synchroniza tion whitout external swith of sync type Level : TTL level
Maximum Pixel Clock rate	162 MHz (Analog/Display)
Active Display Horizontal/Vertical	408(H) x 306(W)
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz ± 3 Hz
Power Consumption	50W (MAX)
Dimensions	
Set (W x D x H)	514.6 x 63 x 353 mm (20.3 x 2.5 x 19 inch)
With Stand (W x D x H)	514.6 x 219.3 x 421.7 mm (20.3 x 8.6 x 16.6 inch)
SWIVEL ANGLE	0 ~ 350°
TILT ANGLE	-1 ~ 22°
Weight (Set/Package)	6.5 Kg / 8.5 Kg
Environmental Considerations	Operating Temperature : 50° F ~ 122° F (10° C ~ 50° C) Operating Humidity : 10% ~ 90% Storage temperature : -4° F ~113 ° F (-20° C ~ 45° C) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	

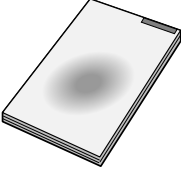
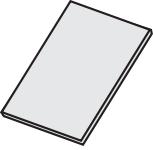
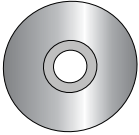
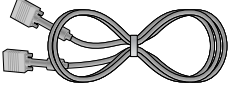

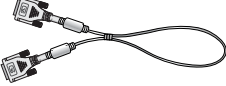
2-7 LME22VS Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 22-Inch viewable, 0.258 (H) x 0.258 (V) mm pixel pitch
Scanning Frequency	Horizontal : 31 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (WSXGA+ : 60Hz)
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1680 Pixels Vertical : 1050 Pixels
Input Signal	Analog / Digital
Input Sync Signal	Seperate H/V sync, Composite H/V, Sync-on-Green, Automatic synchronization without external switch of sync type Level : TTL level
Maximum Pixel Clock rate	162 MHz (Analog/Display)
Active Display Horizontal/Vertical	408(H) x 306(W)
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz ± 3 Hz
Power Consumption	50W (MAX)
Dimensions	
Set (W x D x H)	514.6 x 63 x 353 mm (20.3 x 2.5 x 19 inch)
With Stand (W x D x H)	514.6 x 219.3 x 421.7 mm (20.3 x 8.6 x 16.6 inch)
SWIVEL ANGLE	0 ~ 350°
TILT ANGLE	-1 ~ 22°
Weight (Set/Package)	6.5 Kg / 8.5 Kg
Environmental Considerations	Operating Temperature : 50°F ~ 122°F (10°C ~ 50°C) Operating Humidity : 10% ~ 90% Storage temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5% ~ 90%
- Designs and specifications are subject to change without prior notice.	

2-8 Spec Comparison

Model	LME20WS / LME20AS LME22WS / LME22VS	LS20BRD
Design		
Screen Size	20" (LME20WS) 22" (LME22WS)	20.1"
Brightness	300cd/m ²	300cd/m ²
Contrast	1000:1 (206BW) 700:1 (226BW)	800:1
Fast Response Time	8ms	5ms
Magic Pivot	X	X
Magic Tune	Premium	Premium
Sharpness	O	O
Magic Bright	7 steps Custom , Text, Internet, Game, Sports, Movie, Dynamic Contrast	6 steps Text, Internet, Sports, Movie, Game, Custom

2-9 Option Specification

Item	Item Name	Code.No	Remark
	Quick Setup Guide	BH68-00376L	
	Warranty Card (Not available in all locations)	BH68-00261F	
	User's Guide, Monitor Driver, MagicTune™ software	LME20WS/LME22WS: BN59-00521H LME20AS: BN59-00521M LME21AS: BN59-00521V LME22VS: BN59-00521T	
	D-Sub(15 Pin) Cable	BN39-00244B	
	Power Cord	3903-000085	
	DVI Cable	BN39-00246F	Sold separately